Inventor: HE ET AL.
Docket No.: 14565.14US001
Title: METHOD FOR FORWARDING MULTICAST MESSAGE IN
NETWORK COMMUNICATION
Serial No.: 10/629,376
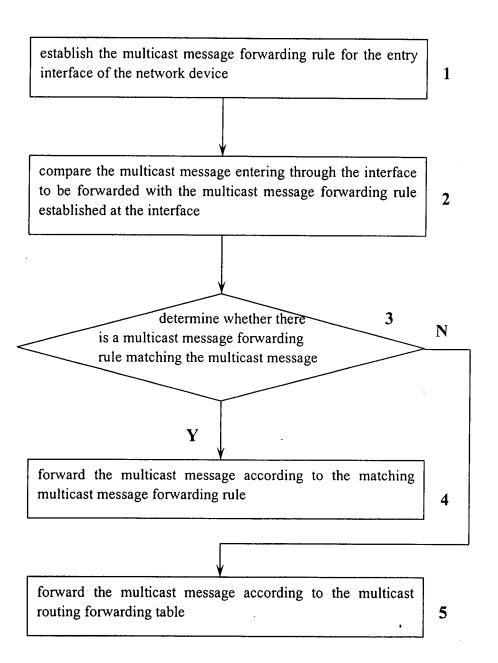Replacement Sheet 1 of 1

OCT 2 9 2007

```
┌─────────────────────────────────────────────┐
│ establish the multicast message forwarding   │      1
│ rule for the entry interface of the network  │
│ device                                        │
└─────────────────────────────────────────────┘
                      │
                      ▼
┌─────────────────────────────────────────────┐
│ compare the multicast message entering       │
│ through the interface to be forwarded with    │      2
│ the multicast message forwarding rule         │
│ established at the interface                   │
└─────────────────────────────────────────────┘
                      │
                      ▼
```

determine whether there is a multicast message forwarding rule matching the multicast message — 3 — N

Y

```
┌─────────────────────────────────────────────┐
│ forward the multicast message according to   │      4
│ the matching multicast message forwarding    │
│ rule                                          │
└─────────────────────────────────────────────┘

┌─────────────────────────────────────────────┐
│ forward the multicast message according to   │      5
│ the multicast routing forwarding table        │
└─────────────────────────────────────────────┘
```

Fig.2